Charge to Production Readiness Review Committee
on the Purple Card
for the Run IIb Silicon Sub-Project

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On behalf of the DZero Run IIb Upgrade Project, I would like to ask you to serve on a Review Committee to evaluate the production readiness of the so-called Purple Card for the upgrade silicon sub-project. The Purple Card is used in the testing and burn-in of all hybrids, modules and staves for the Run IIb silicon detector. The project calls for the production of 75 of these cards, for which procurement is scheduled to begin in January 2003. We would like to request your assistance in evaluating whether this element is ready for production.

There are three items we would like the Committee to address:

1. Review the layout and functionality of the proposed Purple Card to ensure that it meets all the requirements for the testing of hybrids, modules and staves for the Run IIb silicon detector.

2. Review and evaluate whether the base cost and schedule for production of the purple card has been appropriately estimated.

3. Review and evaluate whether adequate resources, both labor and equipment (test stands, software, etc.), have been identified for testing of the cards after production. Determine whether these resources are consistent with the time that has been allotted in the schedule.

We anticipate conducting the review the morning of Thursday, January 30, in the SiDet Conference Room. As time for this particular element is tight, I would like to ask for a brief report summarizing your findings to be submitted to me by Friday, February 7.

As every element of the silicon detector that is included in the final device will be tested and graded in test stands utilizing these cards, it is critical that they meet every anticipated need throughout the sub-project. Its review by people of varying interests and expertise is therefore critical to its success. I hope you agree to assist the upgrade in evaluating this integral component of the sub-project.